

APR 29 2015

REVIEWER: JKS

*State of Illinois***ENVIRONMENTAL PROTECTION AGENCY MEMORANDUM**

DATE: April 2, 2015
TO: DLPC Division Files
FROM: Kendall Couch, DLPC/FOS - Collinsville Region
SUBJECT: LPC# 1630755017-St. Clair County
Marissa/Cottonwood Hills Landfill
FOS

RECEIVED

APR 09 2015

IEPA/BOLGeneral Remarks

On March 20, 2015, I went to Marissa, Illinois to investigate complaints of landfill odors coming from the Waste Management's Cottonwood Hills Landfill facility. The weather was cloudy, wet and 45° Fahrenheit. The wind was coming from the northwest at approximately 5-15 mph. Weather data was obtained from the internet and attached to this memo. Air monitoring data from Weaver Boos Consultants is also attached to this memo. Weaver Boos Consultants perform quarterly air monitoring around the Cottonwood Hills Landfill and within various areas around the Village of Marissa.

Complaint Summary

Twenty complaints were submitted via the Illinois Environmental Protection Act (IEPA) Internet Citizen Pollution Complaint system on March 1, 2015. Fourteen of the complaints were submitted by one complainant while the other six were submitted by another complainant. The complaints were submitted from 8:35pm to 10:03pm. The complaints alleged bad smells coming from the Cottonwood Hills Landfill. All of the complaints had similar content and claim the odors are causing decreased home value.

Another complaint was received on March 9, 2015 from one of the complainants mentioned above. This complaint was submitted via IEPA Internet Citizen Pollution Complaint system. The complaint alleged extreme smells crossing Highway 13 from the Cottonwood Hills Landfill. This complaint was submitted at 10:33pm. The southeast wind direction obtained from internet weather data does not validate this complaint. This complainant submitted another complaint on March 10, 2015 at 6:53pm alleging sickening smells from the Cottonwood Hills Landfill.

Another complaint was phoned into the Illinois Emergency Management Agency (IEMA) on March 10, 2015. This complaint alleged gases or fumes were coming from the dump owned by Waste Management in Lenzburg, Illinois. Lenzburg is just northwest of the Cottonwood Hills Landfill. The complainant believed the dump fumes were affecting the family's dogs. I called the phone number on March 12, 2015. Someone answered my phone call and stated that I called the right number but they were not the complainant.

As I received these complaints, I emailed Denny Dennison requesting weather data. The Cottonwood Hills Landfill facility has a computerized weather tracking system to help with operations at their site. Mr. Dennison emailed weather data and reported no abnormalities at the landfill. These emails are attached to this report.

Investigational Finding

I started the Foxboro Total Vapor Analyzer (TVA) in Lenzburg, Illinois. The initial baseline started at -0.20ppm on the Photo Ionization Detector (PID) and -0.10ppm on the Flame Ionization Detector as I drove southeast on Highway 13. The flags at the Marissa school on the north side of town indicated the wind was out of the northwest.

I then went to the cell phone tower on the northwest of Marissa. The TVA was reading -0.39ppm on the PID and 1:34ppm. These reading were the final baseline after the TVA warmed up. No odors were encountered in the area of the cell tower.

I then visited the Marissa Waste Water Treatment Plant (WWTP) and met with Bill Yates, Plant Operator. Mr. Yates explained that operations were normal. After a short discussion of odor complaints and Plant operations, I re-entered the State vehicle to continue this investigation. A slight odor was encountered when I drove past the WWTP receiving/treatment tank. I stopped and exited the State vehicle at the old car wash just approximately 150 yards from this tank. No odors or elevated TVA readings were encountered just downwind of the tank.

I then went to the intersection of W. Spring and N. Park. No odors or elevated TVA readings were encountered. I then drove to the back gate of the Cottonwood Hills Landfill at the intersection of Waeltz Road and E. Doza School Road. The wind was coming directly over the landfill and intersecting my location. I exited the State vehicle and stood for 5 minutes. No odors or elevated TVA reading were encountered while at the Cottonwood Hills back gate. I drove south on E. Doza School Road with the windows rolled-down. No odors or elevated TVA readings were encountered along this drive.

I then went to the White Mill mobile home park. I again exited the State vehicle and stood for 5 minutes near the northwest corner of the mobile home park. No odors or elevated readings were encountered during my time at this location. After a short drive, I turned off the TVA and returned to return to the IEPA Collinsville Regional office.

During this investigation, the complaints alleging odors emanating from the Cottonwood Hills Landfill and traveling into the Village of Marissa, could not be substantiated.

cc: Collinsville Region
cc: Compliance Unit

Couch, Kendall

From: Cahnovsky, Chris
Sent: Tuesday, March 03, 2015 9:04 AM
To: Couch, Kendall
Subject: FW: Cottonwood Hills Landfill
Attachments: Citizen Pollution Complaint; Citizen Pollution Complaint; Citizen Pollution Complaint;
Citizen Pollution Complaint; Citizen Pollution Complaint; Citizen Pollution Complaint;
Citizen Pollution Complaint; Citizen Pollution Complaint; Citizen Pollution Complaint;
Citizen Pollution Complaint; Citizen Pollution Complaint; Citizen Pollution Complaint;
Citizen Pollution Complaint; Citizen Pollution Complaint; Citizen Pollution Complaint;
Citizen Pollution Complaint; Citizen Pollution Complaint; Citizen Pollution Complaint;
Citizen Pollution Complaint; Citizen Pollution Complaint

Sorry 24 complaints ~~LAEG~~ (Actually 20 complaints) ~~LAEG~~

From: Frost, Brad
Sent: Tuesday, March 03, 2015 8:53 AM
To: Cahnovsky, Chris
Cc: Richardson, John; Robeen, Ron; Frost, Brad; Timm, Jay
Subject: Cottonwood Hills Landfill

Complaints attached



Agency ID: 170000143501 Media File Type LAND
Bureau ID: 1630755017
Site Name: Waste Management - Cottonwood Hill Rdf
Site Address1: 1 Mile W Of Rte 13 & Hillstown Rd
Site Address2: 10400 Hillstown Rd
Site City: Marissa State: IL Zip: 62257-

**This record has been determined to
be partially or wholly exempt from
public disclosure**

Exemption Type:

Redaction

Exempt Doc #: 45

Document Date: 4 /2 /2015

Staff: JKS

Document Description: MEMO, ATTACHED COMPLAINT EMAILS: COUCH TO FILE

Category ID: 01 Category Description: FIELD OPERATIONS/INSPECTIONS

Exempt Type: Redaction

Permit ID:

Date of Determination: 4 /29/2015

Couch, Kendall

From: [REDACTED]
Sent: Sunday, March 01, 2015 8:36 PM
To: EPA.Pollution.Complaints
Subject: Citizen Pollution Complaint

Below is the result of your feedback form. It was submitted by [REDACTED]
Sunday, March 01, 2015 at 20:35:33

street-address: [REDACTED]

city: [REDACTED]

county: [REDACTED]

state: [REDACTED]

zip-code: [REDACTED]

home-phone: [REDACTED]

work-phone: [REDACTED]

cell-phone: [REDACTED]

resp-owner-company: waste management

resp-address: cottonwood hills landfill

resp-city: Marissa

resp-county: St. Clair

resp-zip-code: 62257

complaint-nature: air

problem-description: Bad smell that makes people sick.

problem-timetable: Every time the wind blows over landfill then me.

health-issues: yes

doctor-consulted: yes

property-damage: yes

property-damage-description: Can't sell due to smell. Hung up and that waste management pays officials to turn a blind eye to environmental dangers.

employed-by-source: no

claim-against-resp: no

contact-complained: yes

will-testify: yes

Couch, Kendall

From: [REDACTED]
Sent: Sunday, March 01, 2015 8:36 PM
To: EPA.Pollution.Complaints
Subject: Citizen Pollution Complaint

Below is the result of your feedback form. It was submitted by [REDACTED]
Sunday, March 01, 2015 at 20:35:56

street-address: [REDACTED]

city: [REDACTED]

county: [REDACTED]

state: [REDACTED]

zip-code: [REDACTED]

home-phone: [REDACTED]

work-phone: [REDACTED]

cell-phone: [REDACTED]

resp-owner-company: waste management

resp-address: cottonwood hills landfill

resp-city: Marissa

resp-county: St. Clair

resp-zip-code: 62257

complaint-nature: air

problem-description: Bad smell that makes people sick.

problem-timetable: Every time the wind blows over landfill then me.

health-issues: yes

doctor-consulted: yes

property-damage: yes

property-damage-description: Can't sell due to smell. Hung up and that waste management pays officials to turn a blind eye to environmental dangers.

employed-by-source: no

[REDACTED]

claim-against-resp: no

contact-complained: yes

will-testify: yes

[REDACTED]

[REDACTED]

[REDACTED]

Couch, Kendall

From: [REDACTED]
Sent: Sunday, March 01, 2015 8:36 PM
To: EPA.Pollution.Complaints
Subject: Citizen Pollution Complaint

Below is the result of your feedback form. It was submitted by [REDACTED]
Sunday, March 01, 2015 at 20:36:10

street-address: [REDACTED]

city: [REDACTED]

county: [REDACTED]

state: [REDACTED]

zip-code: [REDACTED]

home-phone: [REDACTED]

work-phone: [REDACTED]

cell-phone [REDACTED]

resp-owner-company: waste management

resp-address: cottonwood hills landfill

resp-city: Marissa

resp-county: St. Clair

resp-zip-code: 62257

complaint-nature: air

problem-description: Bad smell that makes people sick.

problem-timetable: Every time the wind blows over landfill then me.

health-issues: yes

doctor-consulted: yes

property-damage: yes

property-damage-description: Can't sell due to smell. Hung up and that waste management pays officials to turn a blind eye to environmental dangers.

employed-by-source: no

claim-against-resp: no

contact-complained: yes

will-testify: yes

Couch, Kendall

From: [REDACTED]
Sent: Sunday, March 01, 2015 8:37 PM
To: EPA.Pollution.Complaints
Subject: Citizen Pollution Complaint

Below is the result of your feedback form. It was submitted by [REDACTED]
Sunday, March 01, 2015 at 20:36:27

street-address [REDACTED]

city: [REDACTED]

county [REDACTED]

state [REDACTED]

zip-code [REDACTED]

home-phone: [REDACTED]

work-phone [REDACTED]

cell-phone: [REDACTED]

resp-owner-company: waste management

resp-address: cottonwood hills landfill

resp-city: Marissa

resp-county: St. Clair

resp-zip-code: 62257

complaint-nature: air

problem-description: Bad smell that makes people sick.

problem-timetable: Every time the wind blows over landfill then me.

health-issues: yes

doctor-consulted: yes

property-damage: yes

property-damage-description: Can't sell due to smell. Hung up and that waste management pays officials to turn a blind eye to environmental dangers.

employed-by-source: no

claim-against-resp: no

contact-complained: yes

will-testify: yes

Couch, Kendall

From: [REDACTED]
Sent: Sunday, March 01, 2015 8:37 PM
To: EPA.Pollution.Complaints
Subject: Citizen Pollution Complaint

Below is the result of your feedback form. It was submitted by [REDACTED]
Sunday, March 01, 2015 at 20:36:52

street-address: [REDACTED]

city: [REDACTED]

county: [REDACTED]

state: [REDACTED]

zip-code: [REDACTED]

home-phone: [REDACTED]

work-phone: [REDACTED]

cell-phone: [REDACTED]

resp-owner-company: waste management

resp-address: cottonwood hills landfill

resp-city: Marissa

resp-county: St. Clair

resp-zip-code: 62257

complaint-nature: air

problem-description: Bad smell that makes people sick.

problem-timetable: Every time the wind blows over landfill then me.

health-issues: yes

doctor-consulted: yes

property-damage: yes

property-damage-description: Can't sell due to smell. Hung up and that waste management pays officials to turn a blind eye to environmental dangers.

employed-by-source: no

claim-against-resp: no

contact-complained: yes

will-testify: yes

Couch, Kendall

From: [REDACTED]
Sent: Sunday, March 01, 2015 8:37 PM
To: EPA.Pollution.Complaints
Subject: Citizen Pollution Complaint

Below is the result of your feedback form. It was submitted by [REDACTED]
Sunday, March 01, 2015 at 20:37:20

street-address: [REDACTED]

city: [REDACTED]

county: [REDACTED]

state: [REDACTED]

zip-code: [REDACTED]

home-phone: [REDACTED]

work-phone: [REDACTED]

cell-phone: [REDACTED]

resp-owner-company: waste management

resp-address: cottonwood hills landfill

resp-city: Marissa

resp-county: St. Clair

resp-zip-code: 62257

complaint-nature: air

problem-description: Bad smell that makes people sick.

problem-timetable: Every time the wind blows over landfill then me.

health-issues: yes

doctor-consulted: yes

property-damage: yes

property-damage-description: Can't sell due to smell. Hung up and that waste management pays officials to turn a blind eye to environmental dangers.

employed-by-source: no

claim-against-resp: no

contact-complained: yes

will-testify: yes

Couch, Kendall

From: [REDACTED]
Sent: Sunday, March 01, 2015 10:01 PM
To: EPA.Pollution.Complaints
Subject: Citizen Pollution Complaint

Below is the result of your feedback form. It was submitted by [REDACTED]
22:00:58

street-address: [REDACTED]

city: [REDACTED]

county: [REDACTED]

state: [REDACTED]

zip-code: [REDACTED]

home-phone: [REDACTED]

cell-phone: [REDACTED]

resp-owner-company: waste management

resp-address: cottonwood hills landfill

resp-city: Marissa

resp-county: St. Clair

resp-zip-code: 62257

complaint-nature: air

problem-description: Smell!

problem-timetable: All day today and every time the wind blows over the landfill then me.

health-issues: yes

doctor-consulted: no

property-damage: yes

property-damage-description: Can't sell

employed-by-source: no

claim-against-resp: no

contact-complained: no

will-testify: yes

Couch, Kendall

From: [REDACTED]
Sent: Sunday, March 01, 2015 10:01 PM
To: EPA.Pollution.Complaints
Subject: Citizen Pollution Complaint

Below is the result of your feedback form. It was submitted by [REDACTED]
22:01:08

street-address: [REDACTED]

city: [REDACTED]

county: [REDACTED]

state [REDACTED]

zip-code: [REDACTED]

home-phone: [REDACTED]

cell-phone [REDACTED]

resp-owner-company: waste management

resp-address: cottonwood hills landfill

resp-city: Marissa

resp-county: St. Clair

resp-zip-code: 62257

complaint-nature: air

problem-description: Smell!

problem-timetable: All day today and every time the wind blows over the landfill then me.

health-issues: yes

doctor-consulted: no

property-damage: yes

property-damage-description: Can't sell

employed-by-source: no

claim-against-resp: no

contact-complained: no

will-testify: yes

Couch, Kendall

From: [REDACTED]
Sent: Sunday, March 01, 2015 10:01 PM
To: EPA.Pollution.Complaints
Subject: Citizen Pollution Complaint

Below is the result of your feedback form. It was submitted by [REDACTED]
22:01:20

street-address: [REDACTED]

city [REDACTED]

county [REDACTED]

state [REDACTED]

zip-code [REDACTED]

home-phone [REDACTED]

cell-phone [REDACTED]

resp-owner-company: waste management

resp-address: cottonwood hills landfill

resp-city: Marissa

resp-county: St. Clair

resp-zip-code: 62257

complaint-nature: air

problem-description: Smell!

problem-timetable: All day today and every time the wind blows over the landfill then me.

health-issues: yes

doctor-consulted: no

property-damage: yes

property-damage-description: Can't sell

employed-by-source: no

claim-against-resp: no

contact-complained: no

will-testify: yes

Couch, Kendall

From: [REDACTED]
Sent: Sunday, March 01, 2015 10:02 PM
To: EPA.Pollution.Complaints
Subject: Citizen Pollution Complaint

Below is the result of your feedback form. It was submitted by [REDACTED]
22:01:33

street-address: [REDACTED]

city: [REDACTED]

county [REDACTED]

state: [REDACTED]

zip-code [REDACTED]

home-phone [REDACTED]

cell-phone: [REDACTED]

resp-owner-company: waste management

resp-address: cottonwood hills landfill

resp-city: Marissa

resp-county: St. Clair

resp-zip-code: 62257

complaint-nature: air

problem-description: Smell!

problem-timetable: All day today and every time the wind blows over the landfill then me.

health-issues: yes

doctor-consulted: no

property-damage: yes

property-damage-description: Can't sell

employed-by-source: no

claim-against-resp: no

contact-complained: no

will-testify: yes

Couch, Kendall

From: [REDACTED]
Sent: Sunday, March 01, 2015 10:02 PM
To: EPA.Pollution.Complaints
Subject: Citizen Pollution Complaint

Below is the result of your feedback form. It was submitted by [REDACTED]
22:01:51

street-address: [REDACTED]

city: [REDACTED]

county [REDACTED]

state: [REDACTED]

zip-code [REDACTED]

home-phone [REDACTED]

cell-phone [REDACTED]

resp-owner-company: waste management

resp-address: cottonwood hills landfill

resp-city: Marissa

resp-county: St. Clair

resp-zip-code: 62257

complaint-nature: air

problem-description: Smell!

problem-timetable: All day today and every time the wind blows over the landfill then me.

health-issues: yes

doctor-consulted: no

property-damage: yes

property-damage-description: Can't sell

employed-by-source: no

claim-against-resp: no

contact-complained: no

will-testify: yes

Couch, Kendall

From: [REDACTED]
Sent: Sunday, March 01, 2015 10:02 PM
To: EPA.Pollution.Complaints
Subject: Citizen Pollution Complaint

Below is the result of your feedback form. It was submitted by [REDACTED]
22:02:01

street-address: [REDACTED]

city: [REDACTED]

county: [REDACTED]

state: [REDACTED]

zip-code: [REDACTED]

home-phone: [REDACTED]

cell-phone: [REDACTED]

resp-owner-company: waste management

resp-address: cottonwood hills landfill

resp-city: Marissa

resp-county: St. Clair

resp-zip-code: 62257

complaint-nature: air

problem-description: Smell!

problem-timetable: All day today and every time the wind blows over the landfill then me.

health-issues: yes

doctor-consulted: no

property-damage: yes

property-damage-description: Can't sell

employed-by-source: no

claim-against-resp: no

contact-complained: no

will-testify: yes

Couch, Kendall

From: [REDACTED]
Sent: Sunday, March 01, 2015 10:02 PM
To: EPA.Pollution.Complaints
Subject: Citizen Pollution Complaint

Below is the result of your feedback form. It was submitted by [REDACTED]
22:02:20

street-address: [REDACTED]

city: [REDACTED]

county: [REDACTED]

state: [REDACTED]

zip-code: [REDACTED]

home-phone: [REDACTED]

cell-phone: [REDACTED]

resp-owner-company: waste management

resp-address: cottonwood hills landfill

resp-city: Marissa

resp-county: St. Clair

resp-zip-code: 62257

complaint-nature: air

problem-description: Smell!

problem-timetable: All day today and every time the wind blows over the landfill then me.

health-issues: yes

doctor-consulted: no

property-damage: yes

property-damage-description: Can't sell

employed-by-source: no

claim-against-resp: no

contact-complained: no

will-testify: yes

Couch, Kendall

From: [REDACTED]
Sent: Sunday, March 01, 2015 10:03 PM
To: EPA.Pollution.Complaints
Subject: Citizen Pollution Complaint

Below is the result of your feedback form. It was submitted by [REDACTED]
22:02:30

street-address: [REDACTED]

city: [REDACTED]

county: [REDACTED]

state: [REDACTED]

zip-code [REDACTED]

home-phone: [REDACTED]

cell-phone: [REDACTED]

resp-owner-company: waste management

resp-address: cottonwood hills landfill

resp-city: Marissa

resp-county: St. Clair

resp-zip-code: 62257

complaint-nature: air

problem-description: Smell!

problem-timetable: All day today and every time the wind blows over the landfill then me.

health-issues: yes

doctor-consulted: no

property-damage: yes

property-damage-description: Can't sell

employed-by-source: no

claim-against-resp: no

contact-complained: no

will-testify: yes

Couch, Kendall

From: [REDACTED]
Sent: Sunday, March 01, 2015 10:03 PM
To: EPA.Pollution.Complaints
Subject: Citizen Pollution Complaint

Below is the result of your feedback form. It was submitted by [REDACTED]
22:02:43

street-address: [REDACTED]

city: [REDACTED]

county: [REDACTED]

state: [REDACTED]

zip-code: [REDACTED]

home-phone: [REDACTED]

cell-phone: [REDACTED]

resp-owner-company: waste management

resp-address: cottonwood hills landfill

resp-city: Marissa

resp-county: St. Clair

resp-zip-code: 62257

complaint-nature: air

problem-description: Smell!

problem-timetable: All day today and every time the wind blows over the landfill then me.

health-issues: yes

doctor-consulted: no

property-damage: yes

property-damage-description: Can't sell

employed-by-source: no

claim-against-resp: no

contact-complained: no

will-testify: yes

Couch, Kendall

From: [REDACTED]
Sent: Sunday, March 01, 2015 10:03 PM
To: EPA.Pollution.Complaints
Subject: Citizen Pollution Complaint

Below is the result of your feedback form. It was submitted by [REDACTED] Sunday, March 01, 2015 at 22:02:54

street-address: [REDACTED]

city: [REDACTED]

count: [REDACTED]

state: [REDACTED]

zip-code: [REDACTED]

home-phone: [REDACTED]

cell-phone: [REDACTED]

resp-owner-company: waste management

resp-address: cottonwood hills landfill

resp-city: Marissa

resp-county: St. Clair

resp-zip-code: 62257

complaint-nature: air

problem-description: Smell!

problem-timetable: All day today and every time the wind blows over the landfill then me.

health-issues: yes

doctor-consulted: no

property-damage: yes

property-damage-description: Can't sell

employed-by-source: no

claim-against-resp: no

contact-complained: no

will-testify: yes

Couch, Kendall

From: [REDACTED]
Sent: Sunday, March 01, 2015 10:03 PM
To: EPA.Pollution.Complaints
Subject: Citizen Pollution Complaint

Below is the result of your feedback form. It was submitted by [REDACTED] on Sunday, March 01, 2015 at 22:03:06

street-address: [REDACTED]

city: [REDACTED]

county: [REDACTED]

state: [REDACTED]

zip-code: [REDACTED]

home-phone: [REDACTED]

cell-phone: [REDACTED]

resp-owner-company: waste management

resp-address: cottonwood hills landfill

resp-city: Marissa

resp-county: St. Clair

resp-zip-code: 62257

complaint-nature: air

problem-description: Smell!

problem-timetable: All day today and every time the wind blows over the landfill then me.

health-issues: yes

doctor-consulted: no

property-damage: yes

property-damage-description: Can't sell

employed-by-source: no

claim-against-resp: no

contact-complained: no

will-testify: yes

Couch, Kendall

From: [REDACTED]
Sent: Sunday, March 01, 2015 10:03 PM
To: EPA.Pollution.Complaints
Subject: Citizen Pollution Complaint

Below is the result of your feedback form. It was submitted by [REDACTED] on Sunday, March 01, 2015 at 22:03:14

street-address [REDACTED]

city: [REDACTED]

county [REDACTED]

state: [REDACTED]

zip-code: [REDACTED]

home-phone [REDACTED]

cell-phone [REDACTED]

resp-owner-company: waste management

resp-address: cottonwood hills landfill

resp-city: Marissa

resp-county: St. Clair

resp-zip-code: 62257

complaint-nature: air

problem-description: Smell!

problem-timetable: All day today and every time the wind blows over the landfill then me.

health-issues: yes

doctor-consulted: no

property-damage: yes

property-damage-description: Can't sell

employed-by-source: no

claim-against-resp: no

contact-complained: no

will-testify: yes

Couch, Kendall

From: [REDACTED]
Sent: Sunday, March 01, 2015 10:03 PM
To: EPA.Pollution.Complaints
Subject: Citizen Pollution Complaint

Below is the result of your feedback form. It was submitted by [REDACTED] on Sunday, March 01, 2015 at 22:03:27

street-address: [REDACTED]

city: [REDACTED]

county: [REDACTED]

state: [REDACTED]

zip-code: [REDACTED]

home-phone: [REDACTED]

cell-phone: [REDACTED]

resp-owner-company: waste management

resp-address: cottonwood hills landfill

resp-city: Marissa

resp-county: St. Clair

resp-zip-code: 62257

complaint-nature: air

problem-description: Smell!

problem-timetable: All day today and every time the wind blows over the landfill then me.

health-issues: yes

doctor-consulted: no

property-damage: yes

property-damage-description: Can't sell

employed-by-source: no

claim-against-resp: no

contact-complained: no

will-testify: yes

Couch, Kendall

From: [REDACTED]
Sent: Sunday, March 01, 2015 10:04 PM
To: EPA.Pollution.Complaints
Subject: Citizen Pollution Complaint

Below is the result of your feedback form. It was submitted by [REDACTED] on Sunday, March 01, 2015 at 22:03:38

street-address: [REDACTED]

city: [REDACTED]

county: [REDACTED]

state: [REDACTED]

zip-code [REDACTED]

home-phone: [REDACTED]

cell-phone [REDACTED]

resp-owner-company: waste management

resp-address: cottonwood hills landfill

resp-city: Marissa

resp-county: St. Clair

resp-zip-code: 62257

complaint-nature: air

problem-description: Smell!

problem-timetable: All day today and every time the wind blows over the landfill then me.

health-issues: yes

doctor-consulted: no

property-damage: yes

property-damage-description: Can't sell

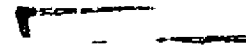
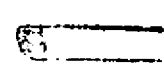

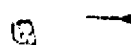
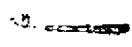

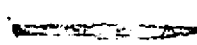
employed-by-source: no

claim-against-resp: no

contact-complained: no

will-testify: yes



Couch, Kendall

From: Cahnovsky, Chris
Sent: Tuesday, March 10, 2015 1:32 PM
To: Couch, Kendall
Subject: FW: Citizen Pollution Complaint

Can Denny tell us the wind direction for this time period?

-----Original Message-----

From: Frost, Brad On Behalf Of EPA.Pollution.Complaints
Sent: Tuesday, March 10, 2015 9:32 AM
To: Cahnovsky, Chris
Cc: Timm, Jay; Frost, Brad; Robeen, Ron
Subject: FW: Citizen Pollution Complaint

Cottonwood Hills complaint

Brad Frost, Acting Manager
Office of Community Relations
Illinois EPA
1021 North Grand Avenue, East
PO Box 19506
Springfield, IL 62794-9506
217/782-7027
217/524-5023 fax
brad.frost@illinois.gov

-----Original Message-----

From: [REDACTED]
Sent: Monday, March 09, 2015 10:34 PM
To: EPA.Pollution.Complaints
Subject: Citizen Pollution Complaint

Below is the result of your feedback form. It was submitted by [REDACTED]
Monday, March 09, 2015 at 22:33:59

street-address: [REDACTED]

city [REDACTED]

county: [REDACTED]

state [REDACTED]

zip-code: [REDACTED]

home-phone: [REDACTED]

cell-phone: [REDACTED]

resp-owner-company: waste management

resp-address: cottonwood hills landfill

resp-city: Marissa

resp-county: St. Clair

resp-zip-code: 62257

complaint-nature: air

problem-description: Extreme smell crossing hwy 13.

problem-timetable: Today 7 pm and 9pm.

health-issues: yes

doctor-consulted: yes

property-damage: yes

property-damage-description: Can't sell homes anywhere in Marissa. EPA is paid off and waste management can do as they please.

employed-by-source: no

claim-against-resp: no

contact-complained: yes

will-testify: yes

Couch, Kendall

From: Cahnovsky, Chris
Sent: Monday, March 16, 2015 4:40 PM
To: Couch, Kendall
Subject: FW: Cottonwood Hills Landfill Citizen Pollution Complaint

-----Original Message-----

From: Timm, Jay
Sent: Monday, March 16, 2015 4:16 PM
To: Reuter, Tom; Cahnovsky, Chris
Subject: Cottonwood Hills Landfill Citizen Pollution Complaint

Jay Timm
Office of Community Relations
Illinois EPA
217-557-4972

-----Original Message-----

From: EPA.Pollution.Complaints
Sent: Monday, March 16, 2015 4:04 PM
To: Timm, Jay
Cc: Frost, Brad; Richardson, John
Subject: FW: Citizen Pollution Complaint

Richard Breckenridge
Illinois EPA Agricultural & Rural Affairs Advisor
1021 N. Grand Av. East
Springfield, IL 62794
(217) 558-6818
(217) 414-4188
Richard.breckenridge@illinois.gov

www.doonenicething.com

-----Original Message-----

From: [REDACTED]
Sent: Tuesday, March 10, 2015 6:53 PM
To: EPA.Pollution.Complaints
Subject: Citizen Pollution Complaint

Below is the result of your feedback form. It was submitted by [REDACTED]
Tuesday, March 10, 2015 at 18:53:13

street-address [REDACTED]

city: [REDACTED]

county: [REDACTED]

state: [REDACTED]

zip-code: [REDACTED]

cell-phone: [REDACTED]

resp-owner-company: Waste Management

resp-address: Cottonwood hills landfill

resp-city: Marissa

resp-county: St. Clair

resp-zip-code: 62257

complaint-nature: air

problem-description: Sickening smell from landfill.

problem-timetable: Right now and predicted for hours at my house, address above.

health-issues: yes

doctor-consulted: yes

property-damage: yes

property-damage-description: Value and ability to sell. Told contacting authorities was a waste of time because they are paid to ignore their landfill fill.

employed-by-source: no

claim-against-resp: no

contact-complained: yes

will-testify: yes

Couch, Kendall

From: Cahnovsky, Chris
Sent: Monday, March 16, 2015 4:40 PM
To: Couch, Kendall
Subject: FW: Cottonwood Hill Landfill Citizen Pollution Complaint

-----Original Message-----

From: Timm, Jay
Sent: Monday, March 16, 2015 4:15 PM
To: Reuter, Tom; Cahnovsky, Chris
Subject: Cottonwood Hill Landfill Citizen Pollution Complaint

Jay Timm
Office of Community Relations
Illinois EPA
217-557-4972


-----Original Message-----

From: EPA.Pollution.Complaints
Sent: Monday, March 16, 2015 4:04 PM
To: Timm, Jay
Cc: Frost, Brad; Richardson, John
Subject: FW: Citizen Pollution Complaint

Richard Breckenridge
Illinois EPA Agricultural & Rural Affairs Advisor
1021 N. Grand Av. East.
Springfield, IL 62794
(217) 558-6818
(217) 414-4188
Richard.breckenridge@illinois.gov

www.doonenicething.com

-----Original Message-----

From: 
Sent: Tuesday, March 10, 2015 6:55 PM
To: EPA.Pollution.Complaints
Subject: Citizen Pollution Complaint

Below is the result of your feedback form. It was submitted by [REDACTED]
Tuesday, March 10, 2015 at 18:55:24

street-address: [REDACTED]

city: [REDACTED]

county: [REDACTED]

state: [REDACTED]

zip-code [REDACTED]

home-phone: [REDACTED]

work-phone: [REDACTED]

cell-phone: [REDACTED]

resp-owner-company: cotton hills landfill

resp-address: cottonwood hills landfill

resp-city: Marissa

resp-county: St. Clair

resp-zip-code: 62257

complaint-nature: air

problem-description: It smells really bad

problem-timetable: 3-10-2015

employed-by-source: no

claim-against-resp: yes

contact-complained: no

will-testify: yes



Illinois Incident Report



Incident #: IL-2015-0216

Entered By: Watkins, Toni (IEMA) on 2015-03-10 19:12:01

Data Input Status: Closed

INCIDENT INFORMATION

Caller Name:	[REDACTED]		
Caller Represents:	[REDACTED]		
Callback Phone:	[REDACTED]		
Type of Incident:	General Report		
Incident Location:	[REDACTED]		
County:	[REDACTED]	City:	[REDACTED]
Primary IEMA Region:	8	Secondary IEMA Region:	Not Applicable
Full Address:	[REDACTED]		
Latitude:	NA	Longitude:	NA
Number of People:	NA		
Date Out:		Date In:	

AGENCIES OR PERSONS NOTIFIED

Agency	Date/Time	Name of Person	Notification Action
IEPA	2015-03-10 19:15	Bud Bridgewater	Contacted
IEPA	2015-03-10 19:18		Report Sent

Narrative:

The smell, gases or fumes are horrible. [REDACTED] but have been losing weight. The dump is called Waste Management in Lenzburg. This has been ongoing for quite some time.

* Phone Call @ 10:30am on 3-12-15 to Complainant
Someone answered but said they were not the complainant, but said I called the correct number.

Couch, Kendall

From: Dennison, Denny <ddenniso@wm.com>
Sent: Wednesday, March 11, 2015 9:48 AM
To: Couch, Kendall
Cc: Frate, Kevin; Durako, Joe; Raynor, Bill
Subject: Weather Data for 2015
Attachments: Weather Cottonwood YTD 2015 03-11-15.xlsx; IMG_20150311_090536_884.jpg

Please find attached weather data 2015 ... the radio signal is lost occasionally between the weather station and controller that records to computer but there is a substantial amount of data that is collected on the attached Excel Table

On March 9 the wind was out of the SE and on March 10 the wind was out of NW

From: Frate, Kevin
Sent: Wednesday, March 11, 2015 9:09 AM
To: Dennison, Denny
Subject: RE: Complaint

Here is 2015 YTD weather data. It records weather every half hour. If there are any blanks it is because the controller lost signal to the weather station. I also attached a pic of the actual screen to compare to the Excel table.

Kevin Frate
Landfill Manager
kfrate@wm.com

Waste Management of Illinois
Cell 317 523 1610

Waste Management renewable energy projects create enough energy to power more than one million homes. Learn more at www.wm.com.

From: Dennison, Denny
Sent: Tuesday, March 10, 2015 2:32 PM
To: Couch, Kendall
Cc: Cahnovsky, Chris; Durako, Joe; Frate, Kevin; Raynor, Bill
Subject: RE: Complaint

Kevin Frate is back at Cottonwood Hills and I just called and spoke to him and the weather station data during that time frame was wind out of the Southeast at 0 to 5 mph ... he is contacting our IT Dept to try and figure how to get a printout of the data so we can send it to you ... we may just have to take a picture of the computer screen and send for now ... thanks

From: Couch, Kendall [<mailto:Kendall.Couch@Illinois.gov>]
Sent: Tuesday, March 10, 2015 1:59 PM
To: Dennison, Denny
Cc: Cahnovsky, Chris
Subject: Complaint

Denny,

We received a complaint yesterday alleging odors coming from the landfill and crossing highway 13 between 7pm and 9pm. Does your weather station have the capability to record wind direction and speed for that timeframe? If so, could you forward that information when you get some time?

Thanks,
Kendall

Kendall Couch

Illinois Environmental Protection Agency

Bureau of Land

2009 Mail Street

Collinsville, Illinois 62234

Phone: 618/346-5141 FAX: 618/346-5155

kendall.couch@illinois.gov

Website: [Click Here](#)

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Couch, Kendall

From: Frate, Kevin <KFrate@wm.com>
Sent: Wednesday, March 11, 2015 9:41 AM
To: Dennison, Denny; Couch, Kendall
Cc: Durako, Joe; Raynor, Bill
Subject: RE: Complaint - Need Last Nights Data
Attachments: Weather Cottonwood YTD 2015 03-11-15.xlsx

At 7 pm last night the weather station lost signal with the controller. It happens time to time since it is a wireless connection. Looking at the data prior to 7pm, the wind was out of the NW-W at 1-4 mph.

I've attached the weather data we have for all of 2015. Let me know if you have any further questions. Thanks.

Kevin Frate
Landfill Manager
kfrate@wm.com

Waste Management of Illinois
Cell 317 523 1610

Waste Management renewable energy projects create enough energy to power more than one million homes. Learn more at www.wm.com.

From: Dennison, Denny
Sent: Wednesday, March 11, 2015 9:37 AM
To: Couch, Kendall; Frate, Kevin
Cc: Durako, Joe; Raynor, Bill
Subject: Complaint - Need Last Nights Data

Kevin please provide the data for last night (Tuesday) to Kendall ... thanks

From: Couch, Kendall [<mailto:Kendall.Couch@Illinois.gov>]
Sent: Wednesday, March 11, 2015 8:50 AM
To: Dennison, Denny
Subject: RE: Complaint

Denny,

We received another complaint about 7:00pm last night. Could you let me know what the wind direction and speed were about that time?

Thanks Kendall

From: Dennison, Denny [<mailto:ddenniso@wm.com>]
Sent: Tuesday, March 10, 2015 2:32 PM
To: Couch, Kendall
Cc: Cahnovsky, Chris; Durako, Joe; Frate, Kevin; Raynor, Bill
Subject: RE: Complaint

Kevin Frate is back at Cottonwood Hills and I just called and spoke to him and the weather station data during that time frame was wind out of the Southeast at 0 to 5 mph ... he is contacting our IT Dept to try and figure how to get a printout

of the data so we can send it to you ... we may just have to take a picture of the computer screen and send for now ...
thanks

From: Couch, Kendall [<mailto:Kendall.Couch@Illinois.gov>]
Sent: Tuesday, March 10, 2015 1:59 PM
To: Dennison, Denny
Cc: Cahnovsky, Chris
Subject: Complaint

Denny,

We received a complaint yesterday alleging odors coming from the landfill and crossing highway 13 between 7pm and 9pm. Does your weather station have the capability to record wind direction and speed for that timeframe? If so, could you forward that information when you get some time?

Thanks,
Kendall

Kendall Couch

Illinois Environmental Protection Agency
Bureau of Land
2009 Mall Street
Collinsville, Illinois 62234
Phone: 618/346-5141 FAX: 618/346-5155
kendall.couch@illinois.gov
Website: [Click Here](#)



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Browse Records

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run Sp
3/09/15	7:00p	48.5	49.5	48.5	84	43.9	5.0	SE	2.50
3/09/15	7:30p	47.6	48.5	47.6	85	43.3	4.0	SE	2.00
3/09/15	8:00p	47.1	47.6	47.1	86	43.1	5.0	SE	2.50
3/09/15	8:30p	46.8	47.0	46.7	87	43.1	5.0	SE	2.50
3/09/15	9:00p	46.7	46.8	46.7	87	43.0	5.0	SE	2.50
3/09/15	9:30p	46.7	46.7	46.6	87	43.0	6.0	SE	3.00
3/09/15	10:00p	46.5	46.8	46.5	88	43.1	5.0	SSE	2.50
3/09/15	10:30p	46.0	46.5	46.0	89	42.9	4.0	SSE	2.00
3/09/15	11:00p	45.5	46.0	45.5	90	42.7	3.0	SE	1.50
3/09/15	11:30p	45.4	45.4	45.3	90	42.6	3.0	SE	1.50
3/10/15	12:00a	45.5	45.5	45.3	91	43.0	3.0	SE	1.50
3/10/15	12:30a	45.5	45.6	45.4	91	43.0	3.0	SE	1.50
3/10/15	1:00a	45.2	45.5	45.2	92	43.0	3.0	SE	1.50
3/10/15	1:30a	45.0	45.2	45.0	93	43.1	2.0	ESE	1.00

Couch, Kendall

From: Dennison, Denny <ddenniso@wm.com>
Sent: Tuesday, March 10, 2015 2:32 PM
To: Couch, Kendall
Cc: Cahnovsky, Chris; Durako, Joe; Frate, Kevin; Raynor, Bill
Subject: RE: Complaint

Kevin Frate is back at Cottonwood Hills and I just called and spoke to him and the weather station data during that time frame was wind out of the Southeast at 0 to 5 mph ... he is contacting our IT Dept to try and figure how to get a printout of the data so we can send it to you ... we may just have to take a picture of the computer screen and send for now ... thanks

From: Couch, Kendall [<mailto:Kendall.Couch@Illinois.gov>]
Sent: Tuesday, March 10, 2015 1:59 PM
To: Dennison, Denny
Cc: Cahnovsky, Chris
Subject: Complaint

Denny,

We received a complaint yesterday alleging odors coming from the landfill and crossing highway 13 between 7pm and 9pm. Does your weather station have the capability to record wind direction and speed for that timeframe? If so, could you forward that information when you get some time?

Thanks,
Kendall

Kendall Couch

Illinois Environmental Protection Agency
Bureau of Land
2009 Mall Street
Collinsville, Illinois 62234
Phone: 618/346-5141 FAX: 618/346-5155
kendall.couch@Illinois.gov
Website: [Click Here](#)

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45° Marissa, Illinois

Universal Time: Friday, 20 Mar 2015, 16:06

Weather Report

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Marissa, Illinois

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Current Conditions - °F | °C

As of 10:45 AM on Friday 20 Mar 2015 (Local Time)

No Active Weather Alerts	Nearby Weather Stations	Learn More
Cloudy 45°F Feels Like: 41° Wind Chill: 41° Ceiling: 1200 Heat Index: 45° Visibility: 10mi Dew Point: 40° Wind: 6mph Humidity: 84% Direction: 310°NW Pressure: 30.22" Gusts: NA Raw METAR from closest station (KSAR): KSAR 201552Z AUTO 33005KT 10SM OVC013 07/04 A3021 RMK AO2 T00670040	Peabody Road Freeburg, IL 38.44°N, 89.88°W at 476ft 47.5° 5.3mph at 270°W Updated 7m 21s ago More Details	
Covered Bridge Lane Belleville, IL 38.47°N, 89.88°W at 502ft 45.5° 0.2mph at 338°NNW Updated 44s ago More Details		
Pilot Knob Township Oakdale, IL 38.24°N, 89.44°W at 535ft 46.6° 0.9mph at 268°W Updated 6s ago More Details		

View detailed Observations
48 Hours - 14 Days

Personal Weather Stations provided by:

[Click here for the Interactive Weather Map](#)

Know when the STORM's coming

Download on the App Store

10-Day Weather Forecast

[New forecast layout! Learn more](#)

Graph	Table	Descriptive
Friday 03/20 58° 42° Overcast 0% / 0 in	Saturday 03/21 69° 43° Partly Cloudy 0% / 0 in	Sunday 03/22 63° 42° Partly Cloudy 0% / 0 in
Monday 03/23 64° 43° Partly Cloudy 0% / 0 in	Tuesday 03/24 68° 57° Partly Cloudy 20% / 0 in	

Friday 03/20 0% / 0 in
 Overcast. High 58F. Winds W at 5 to 10 mph.

 Friday Night 03/20 0% / 0 in
 Partly cloudy. Low 42F. Winds light and variable.

Sun

7:02 am 7:10 pm

Moon

New Moon, 0% visible 7:07 am 7:50 pm

Time	Temp.	Feels Like	Dew Point	Humidity	Conditions	Precip.	Liquid Precip.	Wind	Cloud Cover	Pressure
12:00 pm	46 °F	43 °F	40 °F	77%	Overcast	0%	0 in	6 mph	90%	30.18h

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FLIR

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
Belong Anywhere

Even X-Ray Vision Can't Do This

Try the FLIR IR Simulator Now

FLIR

NW

									NW		
Time	Temp	Humidity	Wind	Clouds	Weather	Precip	Wind	Clouds	Temp	Humidity	Wind
1:00 pm	49 °F	46 °F	40 °F	71%		Mostly Cloudy	0%	0 in	6 mph WNW	79%	30.17in
2:00 pm	51 °F	49 °F	40 °F	66%		Mostly Cloudy	0%	0 in	5 mph WNW	68%	30.15in
3:00 pm	53 °F	51 °F	40 °F	62%		Partly Cloudy	0%	0 in	5 mph WNW	55%	30.14in
4:00 pm	55 °F	54 °F	41 °F	59%		Partly Cloudy	0%	0 in	5 mph W	38%	30.13in
5:00 pm	55 °F	55 °F	41 °F	57%		Partly Cloudy	0%	0 in	5 mph WSW	37%	30.12in
6:00 pm	56 °F	55 °F	41 °F	58%		Partly Cloudy	0%	0 in	5 mph SW	44%	30.11in
7:00 pm	54 °F	53 °F	41 °F	62%		Partly Cloudy	0%	0 in	4 mph SW	48%	30.11in
8:00 pm	52 °F	51 °F	41 °F	66%		Partly Cloudy	0%	0 in	3 mph SSW	55%	30.11in
9:00 pm	50 °F	49 °F	41 °F	70%		Partly Cloudy	0%	0 in	4 mph SSW	49%	30.13in
10:00 pm	49 °F	47 °F	40 °F	72%		Partly Cloudy	0%	0 in	4 mph S	47%	30.14in
11:00 pm	47 °F	46 °F	40 °F	76%		Partly Cloudy	1%	0 in	4 mph SSW	55%	30.14in




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WEAVER
BOOS
CONSULTANTS

March 16, 2015

Mr. Chris Cahnovsky
Illinois Environmental Protection Agency
2009 Mall Street
Collinsville, Illinois 62234

**Re: Results of March 2015 Air Monitoring
Marissa, Illinois**

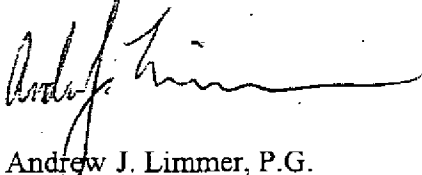
Dear Mr. Cahnovsky:

Weaver Boos Consultants North Central, LLC (Weaver Boos) completed a supplemental round of air monitoring during the 1st quarter 2015 in Marissa, Illinois. A drawing indicating the sampling locations, a table of previous air monitoring results and the additional air monitoring results are attached to this letter.

Please contact me at (630) 717-4848 if you have any questions or need clarification.

Sincerely,

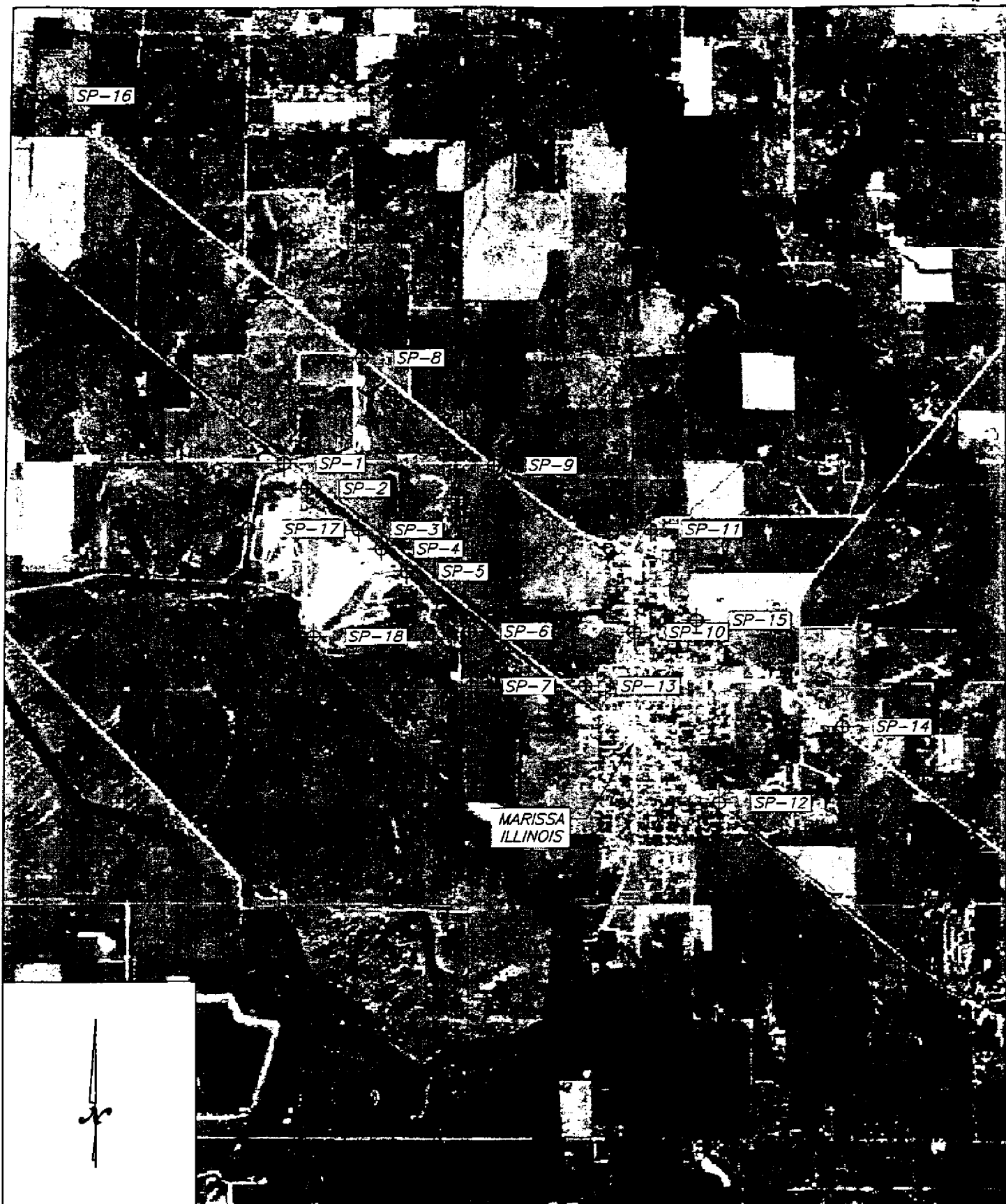
Weaver Boos Consultants North Central, LLC



Andrew J. Limmer, P.G.
Senior Project Manager

Enclosures:

CC: Waste Management of Illinois, Inc.



SAMPLING LOCATIONS

Project Mgr. JRA	Drawn By JRA	Designed By JRA	Project No. 086-440-10-04
Scale 1"=3000'	Date FEBRUARY	File Name	Figure No. 1

Table 1
Summary of Air Monitoring Results
Marissa, Illinois

Location Description	Sample Point	Date											
		12/10/13	12/11/13	12/12/13	12/13/13	12/16/13	12/17/13	12/18/13	12/19/13	12/20/13	1/17/14	1/22/14	1/29/14
Landfill Front Gate	SP1	0 ppb	0 ppb	0 ppb	0 ppb	0 ppb	0 ppb	5.58 ppb	0 ppb	0 ppb	0 ppb	0 ppb	0 ppb
	SP2	0 ppb	0 ppb	4.86 ppb	0 ppb	0 ppb	0 ppb	3.25 ppb	0 ppb	0 ppb	0 ppb	0 ppb	0 ppb
	SP3	0 ppb	0 ppb	3.15 ppb	3.61 ppb	20.4 ppb	0 ppb	5.53 ppb	11.2 ppb	7.74 ppb	0 ppb	8.03 ppb	0 ppb
	SP4	19.2 ppb	12 ppb	0 ppb	0 ppb	24.1 ppb	0 ppb	6.72 ppb	0 ppb	6.5 ppb	0 ppb	0 ppb	0 ppb
Landfill Gate Northeast of Leachate Manhole L103	SP5	0 ppb	0 ppb	0 ppb	0 ppb	0 ppb	3.09 ppb	0 ppb	0 ppb	3.04 ppb	0 ppb	0 ppb	0 ppb
	SP6	0 ppb	0 ppb	0 ppb	0 ppb	0 ppb	0 ppb	0 ppb	0 ppb	NM ³	0 ppb	0 ppb	0 ppb
Landfill Gate at Southeast shop building	SP7	0 ppb	0 ppb	0 ppb	0 ppb	0 ppb	0 ppb	0 ppb	0 ppb	NM ³	0 ppb	0 ppb	0 ppb
	SP8	0 ppb	0 ppb	NM ²	0 ppb	0 ppb	0 ppb	0 ppb	0 ppb	0 ppb	0 ppb	0 ppb	0 ppb
Timberland Trail and Route 13	SP9	0 ppb	0 ppb	NM ²	0 ppb	0 ppb	0 ppb	0 ppb	0 ppb	0 ppb	0 ppb	0 ppb	0 ppb
Hillstown and Route 13	SP10	0 ppb	NM ¹	NM ²	NM ²	NM ²	NM ²	NM ²	NM ²	NM ²	0 ppb	0 ppb	0 ppb
	SP11	0 ppb	NM ²	NM ²	NM ²	NM ²	NM ²	NM ²	NM ²	NM ²	0 ppb	0 ppb	0 ppb
Marissa N Road and School View Road	SP12	0 ppb	NM ²	NM ²	NM ²	NM ²	NM ²	NM ²	NM ²	NM ²	0 ppb	0 ppb	0 ppb
	SP13	0 ppb	NM ²	NM ²	NM ²	NM ²	NM ²	NM ²	NM ²	NM ²	0 ppb	0 ppb	0 ppb
	SP14	0 ppb	NM ²	NM ²	NM ²	NM ²	NM ²	NM ²	NM ²	NM ²	0 ppb	0 ppb	0 ppb
	SP15	0 ppb	NM ²	NM ²	NM ²	NM ²	NM ²	NM ²	NM ²	NM ²	0 ppb	0 ppb	0 ppb
N Borders Ave. and Pinckneyville Road	SP16	0 ppb	NM ²	NM ²	NM ²	NM ²	NM ²	NM ²	NM ²	NM ²	0 ppb	0 ppb	0 ppb
	SP17	NM ¹	NM ²	NM ²	NM ²	NM ²	NM ²	NM ²	NM ²	NM ²	0 ppb	0 ppb	0 ppb
Kaskaskia Water District Water Tower	SP18	NM ¹	NM ²	NM ²	NM ²	NM ²	NM ²	NM ²	NM ²	NM ²	0 ppb	0 ppb	0 ppb
West Perimeter Road													
South West Perimeter Road													

Location Description	Sample Point	Date							
		2/6/14	2/11/14	5/2/2014	7/15/2014	10/22/2014	1/22/2015	3/16/2015	
Landfill Front Gate	SP1	0	ppb	0	ppb	0	ppb	0	ppb
	SP2	0	ppb	0	ppb	0	ppb	0	ppb
	SP3	0	ppb	0	ppb	0	ppb	0	ppb
Northeast of Landfill Flare									
Landfill Gate Northeast of Leachate Manhole L103	SP4	0	ppb	0	ppb	0	ppb	0	ppb
Northeast of Landfill Leachate Manhole L105	SP5	0	ppb	0	ppb	0	ppb	0	ppb
Landfill Gate at Northeast property corner	SP6	0	ppb	0	ppb	0	ppb	0	ppb
	SP7	0	ppb	0	ppb	0	ppb	0	ppb
	SP8	0	ppb	0	ppb	0	ppb	0	ppb
Timberland Trail and Route 13									
Hillstown and Route 13	SP9	0	ppb	0	ppb	0	ppb	0	ppb
North Park Street and E 8th Street	SP10	0	ppb	0	ppb	0	ppb	0	ppb
Marissa N Road and School View Road	SP11	0	ppb	3.23	ppb	0	ppb	0	ppb
Finger Hill Road and N Railroad Road	SP12	0	ppb	0	ppb	0	ppb	0	ppb
W Lyons and W North Railroad Road	SP13	0	ppb	0	ppb	0	ppb	0	ppb
Intersection of Illinois Rt 13 and Rt 4	SP14	0	ppb	0	ppb	0	ppb	0	ppb
	SP15	0	ppb	0	ppb	0	ppb	0	ppb
	SP16	3.41	ppb	0	ppb	0	ppb	0	ppb
Kaskaskia Water District Water Tower									
West Perimeter Road	SP17	0	ppb	0	ppb	0	ppb	0	ppb
South West Perimeter Road	SP18	0	ppb	3.05	ppb	0	ppb	0	ppb

Notes:

NM = not monitored.

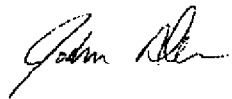
1. Landfill West Perimeter Road (SP17) and Landfill Southwest Perimeter Road (SP18) added to sampling program on 12/17/2013.
2. First round of sampling including all locations and then reduced to landfill locations. Off site sampling locations added back to program in January 2014.
3. Lack of accessibility due to muddy conditions.

Cottonwood Hills
Jerome Model: J605-0001
Serial Number: 605-00204
Gas: H2S

Designated Sample Points

Location			Description	3/16/2015			
Designation	Northing	Easting		Temp-F	Time	Wind Direction	Reading
SP1	38°15.847'	89°46.998'	Landfill Front Gate	52	11:56:48	SW	0 ppb
SP2	38°15.748'	89°46.881'	Northeast of Landfill Scale House	52	11:04:19	SW	0 ppb
SP3	38°15.586'	89°46.632	Northeast of Landfill Flare	52	10:44:57	SW	0 ppb
SP4	38°15.511'	89°46.521'	Landfill Gate Northeast of Leachate Manhole L103	52	10:52:48	SW	0 ppb
SP5	38°15.419'	89°46.399'	Northeast of Landfill Leachate Manhole L105	52	10:49:44	SW	0 ppb
SP6	38°15.180'	89°46.090'	Landfill Gate at Northeast property corner	NM - muddy site conditions			
SP7	38°14.958'	89°46.084'	Landfill Gate at Southeast shop building	52	11:19:32	SW	0 ppb
SP8	38°16.273'	89°46.633'	Timberland Trail and Route 13	52	12:09:09	SW	0 ppb
SP9	38°15.848'	89°45.957'	Hillstown and Route 13	52	10:25:02	SW	0 ppb
SP10	38°15.165'	89°45.298'	North Park Street and E 8th Street	52	10:11:13	SW	0 ppb
SP11	38°15.591'	89°45.191'	Marissa N Road and School View Road	52	9:44:07	SW	0 ppb
SP12	38°14.506'	89°44.881'	Finger Hill Road and N Railroad Road	52	10:00:30	SW	0 ppb
SP13	38°14.961'	89°45.516'	W Lyons and W North Railroad Road	52	10:06:09	SW	0 ppb
SP14	38°14.792'	89°44.269'	Intersection of Illinois Rt 13 and Rt 4	52	9:55:13	SW	0 ppb
SP15	38°15.221'	89°44.971'	N Borders Ave. and Pinckneyville Road	52	9:50:46	SW	0 ppb
SP16	38°17.365'	89°48.291'	Kaskaskia Water District Water Tower	52	9:38:07	SW	0 ppb
SP17	38°15.593'	89°47.164'	West Perimeter Road	52	12:02:56	SW	0 ppb
SP18	38°15.163'	89°46.850'	South West Perimeter Road	52	10:39:13	SW	0 ppb
				Weather conditions: 52 degrees Fahrenheit, Wind 0-10 mph SW. Sunny.			

Recorded by:



Date:

3/16/2015